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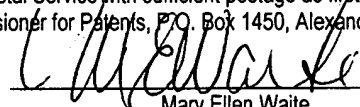
THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David J. Ecker *et al.*
Serial No.: 10/728,486
Filed: 12/5/2003
Entitled: Methods of Rapid Detection of Pathogens in Humans and Animals

Group No.: 1637
Examiner: J.N. Fredman

AMENDMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)(1)(i)(A)	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Date: October 27, 2006	By:  Mary Ellen Waite

Sir or Madam:


Transmitted herewith is an amendment for this application. The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
Total Claims	45	—	49	0	X	\$50.00	\$0.00
Independent Claims	4	—	10	0	X	\$200.00	\$0.00

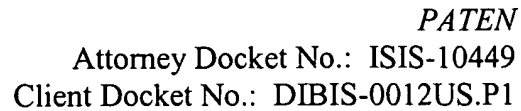
TOTAL DUE: \$0.00

1. No fee is due at this time.
2. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, and/or credit any overpayment, to **Deposit Account No. 08-1290**. An **originally executed duplicate of this transmittal is enclosed for this purpose.**

Date: October 27, 2006



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608/218-6900



Entitled: **Methods of Rapid Detection of Pathogens in Humans and Animals**

**AMENDMENT AND RESPONSE TO OFFICE
ACTION MAILED JULY 27, 2006**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dated: October 27, 2006

By: Mary Ellen Waite
Mary Ellen Waite

Dear Examiner:

The following communication is responsive to the Office Action mailed July 27, 2006, due on or before October 27, 2006. The Applicants believe that the instant communication is timely filed and that no fees are due with its transmission. If additional fees are necessary, Applicants hereby authorize the Commissioner of the Patent and Trademark Office to charge Attorney Docket Account No. 08-1290, referencing Attorney Docket No.: ISIS-10449 when charging Attorney Deposit Account.

STATUS OF THE CLAIMS begins on page 2 of this document.

REMARKS begin on page 10 of this document.